10th International Workshop on X-ray Radiation Damage to Biological Samples

September 13-14, 2018

The 10th International Workshop on X-ray Radiation Damage to Biological Samples addresses essential questions and challenges of radiation damage to biological samples during their examination with ionizing radiation. The workshop covers various X-ray and electron scattering techniques, from crystallography to imaging, and offers ample opportunities for information exchange and discussion among researchers from around the globe.

Workshop Venue

Brookhaven National Laboratory
Upton, NY 11973 USA
Physics Department (Bldg. 510)
Large Seminar Room

Important Dates

General Workshop Registration
(Deadline: August 31, 2018 11:59 PM)

GIS Submission Form
(Deadline: August 31, 2018 11:59 PM)

Poster Abstract Submission
(Deadline: August 17, 2018 11:59 PM)

Please register at: https://www.bnl.gov/rd10

Contact

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Invited Speakers & Program Topics

Basic Understanding of Radiation Damage Mechanisms
- Robert Thorne (Cornell University, USA)
- Arwen Pearson (University of Hamburg, Germany)
- Xiajing Yang (University of Chicago, USA)
- Joshua Dickerson (University of Oxford, UK)
- James Holton (UCSF, LBL and SSRL, USA)

Biological Studies Affected by Radiation Damage
- Henry van Bedem (Stanford University, USA)
- Ivo Tews (University of Southampton, UK)

Practical Aspects of Reducing Radiation Damage at Synchrotrons
- Kathryn Shelley (University of Bristol, UK)
- Go Ueno (SPring-8, Japan)
- Shibom Basu (PSI, Switzerland)
- Eugenio de la Mora (IBS Grenoble, France)
- Martin Fuchs/Jean Jakoncic (BNL, USA)

Damage at New Sources - XFEL and 4th Generation Synchrotrons
- Hiroshi Sugimoto (SPring-8, Japan)
- Nicolas Foos (ESRF, France)
- Robin Owen (DLS, UK)
- Beata Ziaja-Motyka (CFEL-DESY Hamburg)

Radiation Damage in Complementary Fields
- Josiane Kaddissy (NDRL, USA)
- Jan-David Nicolas (University of Göttingen, Germany)
- Raimond Ravelli (Maastricht University, The Netherlands)
- Chris Russo (LMB, Cambridge, UK)
- Koji Yonekura (SPring-8, Japan)
- Ryan Tappero (BNL, USA)
- Colin Nave (DLS, UK)